

#### ABSTRACT OF THE DISCLOSURE

A system and method for communicating video signals from a mobile platform, such as a commercial aircraft, to a base station via an existing in-flight telephone system of the mobile platform. At least 5 one camera is disposed in a predetermined area of the mobile platform. The camera communicates with an electronic subsystem having a serial interface port, a CPU and a modem. Video information from the camera (or cameras) is converted into streaming video in accordance with a wide-area network protocol. The wide-area 10 network protocol signals are then converted by the modem into signals suitable for transmission over the existing in-flight telephone system of the mobile platform. The invention is readily retrofittable into existing mobile platforms such as aircraft and allows essentially real-time monitoring of various portions of the aircraft by remotely 15 located personnel.